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Mata Pelajaran	***: Matematika Wajib***
Kelas	***: XI MIPA***
Kompetensi Dasar	***: 3. 7 dan 4. 7***
Materi	***: Limit Fungsi Aljabar Bentuk Tak Tentu***
Guru	***: Ni Kadek Purtini, S.Pd***

REVIEW MATERI

LIVEWORKSHEETS

Setelah kalian mempelajari video di atas, silahkan kalian kerjakan latihan berikut!

1. Nilai $\lim_{x\to -6} \frac{x^2-36}{x+6} = \ldots$
   a. -12
   b. 11
   c. 10
   d. 9
   e. 0

2. $\lim_{x\to 4} \frac{3x^2-10x-8}{x^2-6x+8} = \ldots$
   a. 5
   b. 6
   c. 7
   d. 8
   e. 9

3. Nilai $\lim_{x\to 9} \frac{\sqrt{x}-3}{x-9} = \ldots$
   a. $\frac{1}{6}$
   b. $\frac{1}{3}$
   c. 4
   d. 6
   e. 0

4. $\lim_{x\to 5} \frac{x-5}{\sqrt{x}-\sqrt{5}} = \ldots$
   a. $2\sqrt{5}$
   b. $5\sqrt{2}$
   c. $2\sqrt{3}$
   d. $-2\sqrt{5}$

LIVEWORKSHEETS

e. $-5\sqrt{2}$

5. $\lim_{x\to 0} \frac{\sqrt{x^2-2x+9}-\sqrt{x^2+4x+9}}{2x} = \ldots$

a. -1
b. -2
c. $-\frac{1}{2}$
d. 2
e. 0

LIVEWORKSHEETS